Splicing Inhibition by 2-AP PKR∆6 5'α CAT nd FIG. 1A p5'CAT A_nSV40 5'α CAT 3'α p5'CAT(3'UTR- α) nd FIG. 1B $A_n(\alpha)$ $5'\alpha$ ex1 ex2 ex3 ex4 $3'UTR\alpha$ pTNF-α nd FIG. 1C \acute{E} \grave{P} $\acute{A}_{n}(\alpha)$ 5'α ex1 ex2 ex3 ex4 pTNF- $\alpha(\Delta 3'UTR)$ FIG. 1D $A_n(\beta)$ 5'Bex1 ex2 ex3 ex4 3'β FIG. 1E pTNF-β $A_n(\beta)$ 5'βex1 ex2 ex3 ex4 3'α pTNF- β (3'UTR- α) FIG. 1F nd $A_n(\alpha)$ 5'βex1 ex2 ex3 pTNF- $\beta(\Delta 3'UTR)$ FIG. 1G nd 5'α ex1 ex2 ex3 ex4 3'β pTNF- α (3'UTR- β) nd FIG. 1H $A_n(\beta)$ 5'α ex1 ex2 ex3 ex4 pTNF- α (3'UTR- α EP) + **FIG. 11** + $A_n(\beta)$ 5'βex1 ex2 ex3 FIG. 1J pTNF- β (3'UTR- α EP) + $A_n(\beta)$ ex2 ex3 ex4 5'α ex1 pTNF- $\alpha(\Delta 3'UTR)i3EP+$ $A_n(\beta)$

2/14 FIG. 2A

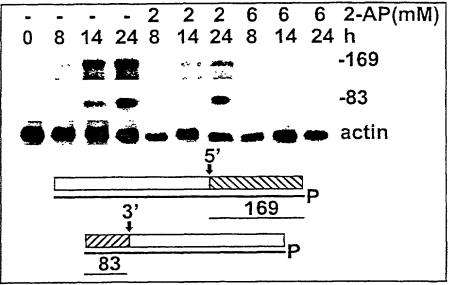
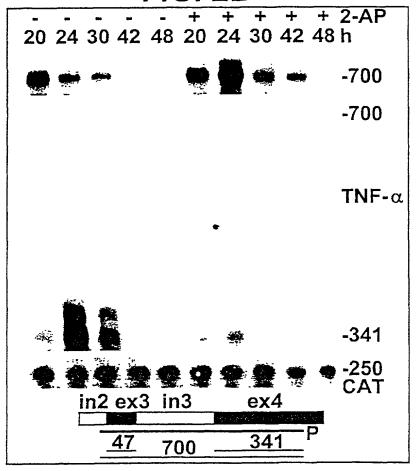
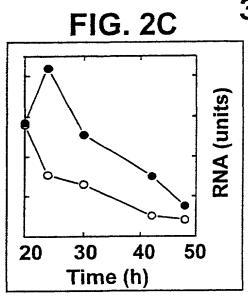


FIG. 2B





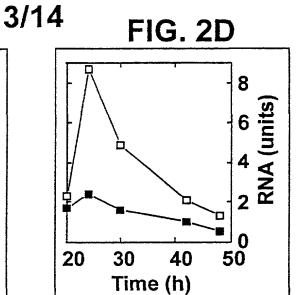
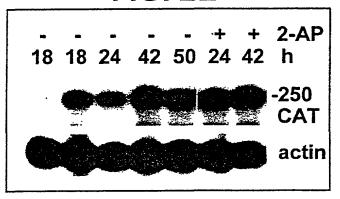
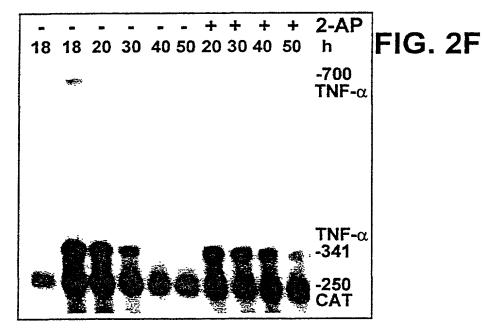


FIG. 2E





4/14 FIG. 3A

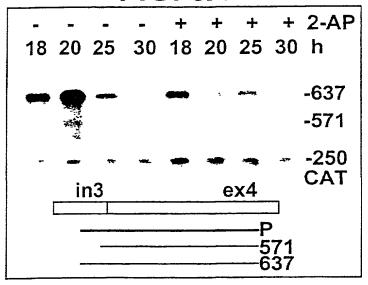


FIG. 3B

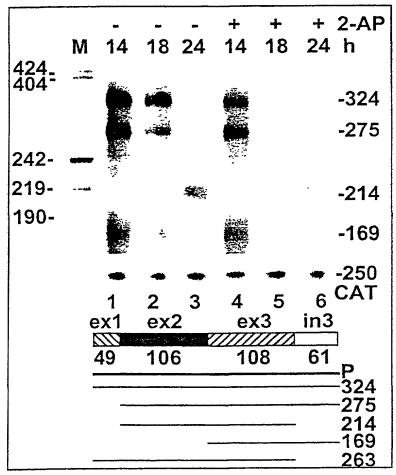


FIG. 3C

FIG. 3D

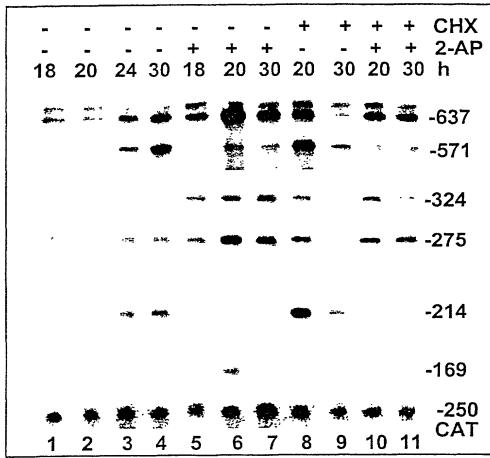


FIG. 3E

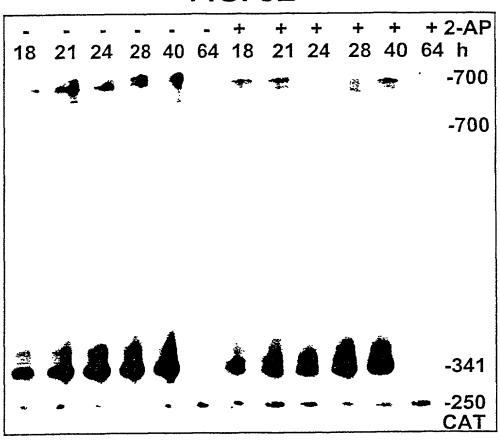


FIG. 4A

TNF- α 3'UTR

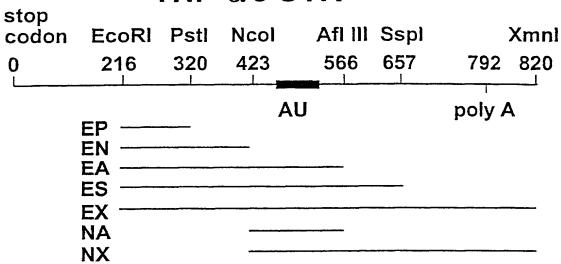


FIG. 4B

dsRNA	EP_	EN	
- 0.05 0.5 5 5	0 0.05 0.5 5 50	0.05 0.5 5 50	RNA
			' (ng/ய)
195 See 185	Was Share	Activity Street	-68
4	angers	• •	
Les streets arrangement			-38
EA	NA	ES	
0.05 0.5 5 50	0.05 0.5 5 50	0.05 0.5 5 50)
ay hay. where gardingstand.	the state of the s	All the second s	-68
:	togating on a se	_	
		· ***	-38
		wingyvipus	33
EX	NX	TNF-β	_
0.05 0.5 5 50 0	0.05 0.5 5 50	0.05 0.5 5 50	
		aces and approximately account to the second	-68
The state of the s		· · · · · · · · · · · · · · · · · · ·	-00
- u		- •-	
			-38
- APPARE		-	

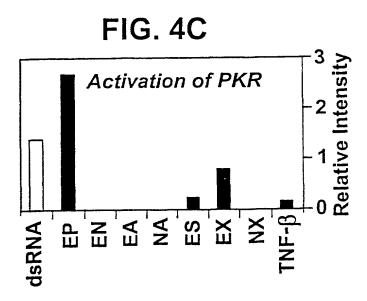


FIG. 4D

	dsRNA			EP ds		dsF	RNA		P		
_		_		-		-	1	5	1	5	2-AP
Sta Secondary Se	0.05	0.5	50	0.05	0.5	50	0.05	0.05	0.05		RNA (ng/μ) -68

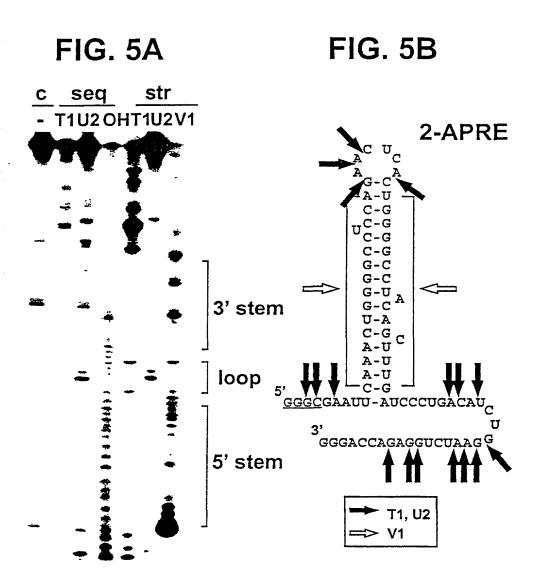


FIG. 5C

H.sapiens	GAAUUCAAACUGGGGCCUCCAGAACUCACUGGGGCCUACAGCUUU-GAUCC
S.scrofa	GAAUUGGAACUGGGGCUUCCAGA-CUCGCUGGGGUCCUUGGGUUUGGAUUC
O.cuniculus	GCAUUCAAACUGAGGCUUCCAGGACUCACUGGGGCCUUCAGAACUCCAUUC
B.taurus	UCCAGAACUCCCUGGGGUCCACAGCUU
C.hircus	GGGCUCCAGAAGUUGCUGGUGCCU

11/14 FIG. 6A

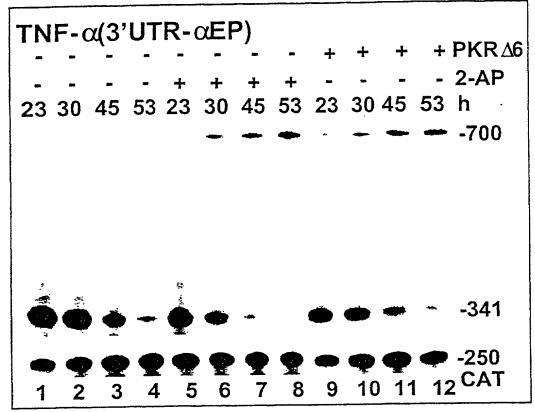


FIG. 6B

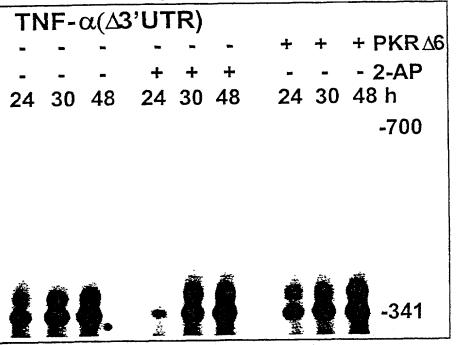


FIG. 7A

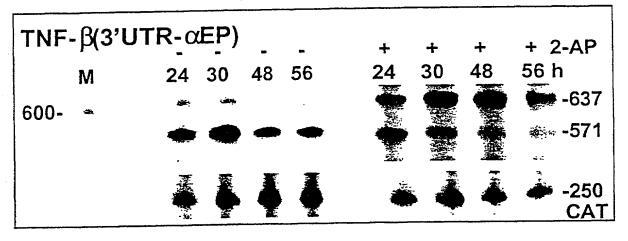


FIG. 7B

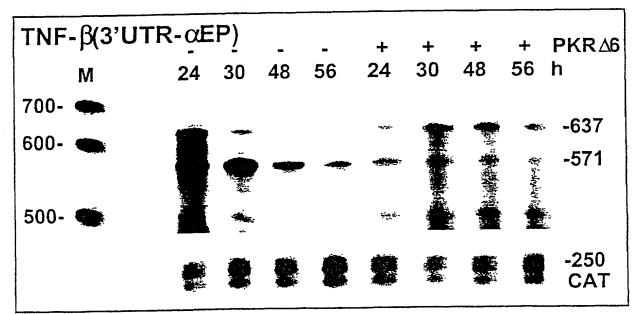


FIG. 7C

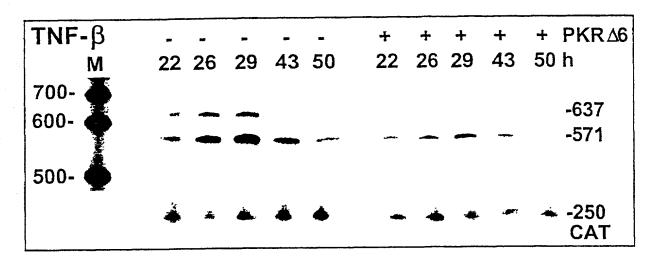


FIG. 8

